

Agenda Report

Subject: **Stormwater Monthly Summary Report**

Prepared By: Steven M. Saunders, Director of Public Works/Village Engineer

Date: October 10, 2012

The Village's Stormwater Project Manager has prepared a monthly report for the Village Council that brings together status, cost, and schedule information, for each separate stormwater project, in one place. The report consists of four documents, explained below:

AT Group Project Summary Report (Attachment #1)

This report provides a brief outline and summary of each major stormwater project currently being undertaken by the Village.

One Year Look-Ahead Schedule (Attachment #2)

This document provides an overview schedule for each project.

Program Budget (Attachment #3)

This report provides financial information for the stormwater and sanitary sewer improvement programs.

Program Organization Chart (Attachment #4)

This document presents a one-page "snapshot" view of the status of each project, and how each project fits into the overall stormwater and sanitary sewer management program.

Recommendation:

Informational Report

Attachments:

1. AT Group Project Summary Report
2. One Year Look-Ahead Schedule
3. Program Budget
4. Program Organization Chart

Attachment #1
AT Group Project Summary Report



MEMORANDUM

DATE: October 10, 2012
TO: Steven Saunders, P.E.
Village of Winnetka
SUBJECT: Project Summary

Spruce Outlet (Tower)

Activity Summary CBBEL is collecting utility information (e.g., phone, cable, gas electric) and proceeding with the final design. Based on the Baxter & Woodman drainage study of the Merrill Street area, there is no need to modify the CBBEL plans. Construction is scheduled for the summer of 2013.

Budget Summary The Village budgeted \$90,000 for engineering and committed \$111,429. The total project cost estimate remains \$1,162,853.

6-Month Look Ahead The project team will:

1. Proceed with final engineering
2. Prepare construction documents for bidding
3. Prepare and submit the required permits
4. Let the contract with Village Council approval
5. Conduct a neighborhood meeting on the project

Spruce Outlet (Lloyd)

Activity Summary CBBEL is proceeding with the final design and permitting. Construction is scheduled for the summer of 2013.

Budget Summary The Village budgeted \$90,000 for engineering and committed \$37,143. The total project cost estimate remains \$398,786.

6-Month Look Ahead The project team will:

1. Complete the final engineering
2. Prepare construction documents for bidding
3. Prepare and submit the required permits
4. Let the contract with Village Council approval
5. Conduct a neighborhood meeting on the project

Winnetka Avenue Pump Station

Activity Summary The project team will participate in a site visit with the FPDCC to observe the operation of a trash rack system similar to the one proposed for this project by CBBEL. If the selected trash rack is acceptable to the FPDCC, the project team will finalize engineering and prepare the required submittal for the FPDCC to permit the project. Although the engineering and construction for the project are included in the Village's current year budget, construction will most likely occur in early 2013.

Budget Summary The Village budgeted \$750,000 for the total project cost and committed \$29,300 for engineering.

Significant Items The FPDCC decision on whether to require a new license as opposed to amending the existing license may have a schedule and budget impact due to a longer review time and additional license fees, respectively. Though the FPDCC has not provided clear direction, it is the project team's intention to prepare an amended license submittal and proceed accordingly.

6-Month Look Ahead The project team will:

1. Complete the final engineering
2. Submit an application for an amended license to the FPDCC
3. Prepare construction documents for bidding
4. Prepare and submit the required permits
5. Let the contract with Village Council approval

NW Winnetka (Greenwood/Forest Glen)

Activity Summary The Village Council approved an engineering agreement with CBBEL to perform design engineering services. CBBEL started detailed surveys of the area and will proceed with preliminary engineering.

Budget Summary The Village budgeted \$250,000 for engineering and committed \$226,874 for engineering. The total project cost estimate - including the Forest Glen improvements - is \$4,266,924.

6-Month Look Ahead The project team will:

1. Proceed with fieldwork and start preliminary engineering
2. Brief the Council on the preliminary engineering
3. Prepare construction documents for bidding
4. Prepare and submit the required permits
5. Let the contract with Village Council approval
6. Conduct a neighborhood meeting on the project

Willow Road Tunnel

Activity Summary The project team had a preliminary meeting with CBBEL and Kenny to discuss routes and construction methods. The team plans to meet with the Union Pacific regarding the tunnel below the railroad, will refine the cost estimates as necessary, and will present a finalized project scope to the Village Council.

Budget Summary The Village budgeted \$800,000 for engineering and committed \$70,350. The total project cost estimate is \$34,369,048.

6-Month Look Ahead The project team will:

1. Continue with pre-engineering review
2. Brief the Council on the final project scope and estimated cost reductions
3. Procure the services of an engineering consultant for design and permitting
4. Commence preliminary engineering

Stormwater Master Plan

Activity Summary Village staff continues to meet monthly with Baxter & Woodman representatives to discuss the status of the project. In addition to B&W, CBBEL also attended for project coordination.

Budget Summary The Village budgeted \$50,000 and committed \$101,220.

6-Month Look Ahead The project team will:

1. Present additional drainage area studies to the Council
2. Prepare the draft Stormwater Master Plan

Stormwater Utility Feasibility Study

Activity Summary The Village approved an agreement with Municipal and Financial Services Group (MFSG), who is proceeding with the Study.

Budget Summary The Village budgeted \$50,000 and awarded an agreement in the amount of \$72,100. No payments have been processed to date.

6-Month Look Ahead The project team will:

1. Conduct a project kick-off meeting and obtain a project schedule
2. Proceed with the Feasibility Study
3. Discuss financing methods at a Study Session (November 13)
4. Present the findings to the Council

Sanitary Sewer Evaluation

Activity Summary Strand completed the Sanitary Sewer Evaluation Study and presented the findings to the Council on August 21, 2012. At staff's request, Strand prepared a proposal to conduct additional detailed studies of specific basins and areas based on the findings. Staff is collecting additional information to clarify areas for further study.

Budget Summary The Village budgeted \$100,000 and committed \$107,857.

6-Month Look Ahead The project team will:

1. Present the alternate study scope to the Council
2. Complete the additional studies
3. Report findings to the Council

Public Outreach

Activity Summary The Village hosted public meetings on September 19 and 22 to engage with interested residents and local stakeholders on Stormwater and Floodplain Management. In addition, the project team, in conjunction with B&W, developed a website for the Village's Stormwater Management Program (www.winnetkastormmasterplan.com).

Budget Summary There is no separate budget associated with this project, as it is included in the B&W Master Plan agreement.

6-Month Look Ahead There are no planned activities.

Attached are the following documents:

1. One-Year Look-Ahead Schedule including Council Meeting Presentations
2. Program Budget
3. Program Organization Chart

If you have any questions or need additional information, please call me at 847-691-9832, or send an e-mail to jjohnson@theatgrp.com.

Attachment #2
One Year Look-Ahead Schedule

Village of Winnetka
Stormwater Management Program

One-Year Look Ahead Schedule

10/10/2012

	Oct 12	Nov 12	Dec 12	Jan 13	Feb 13	Mar 13	Apr 13	May 13	Jun 13	Jul 13	Aug 13	Sep 13
Tower/Foxdale												
Preliminary Engineering												
Permitting												
Final Engineering												
Construction												
Lloyd Outlet												
Preliminary Engineering												
Permitting												
Final Engineering												
Construction												
Tunnel (Willow North, Willow South, Provident, Cherry Outlet, Underpass)												
Feasibility Study												
Preliminary Engineering												
NW Winnetka (Greenwood/Forest Glen)												
Preliminary Engineering												
Permitting												
Final Engineering												
Construction												
Winnetka Avenue Pump Station												
Preliminary Engineering												
Permitting												
Final Engineering												
Construction												
Sanitary Sewer												
Pilot Study												
Stormwater Master Plan												
Drainage Studies												
Develop SMP												
Water Quality Sampling												
Community Outreach												
Village Council Meeting Presentations												
CBBEL Greenwood/Forest Glen Engineering Agreement												
Anti-Backup Program Status												
Stormwater Monthly Report												
SSES Status												
Tunnel Project Update (Route)												
Stormwater Funding Mechanisms												
Stormwater Monthly Report												
Baxter & Woodman Additional Drainage Study Areas												
Stormwater Monthly Report												
Stormwater Master Plan Status												
Stormwater Utility Feasibility Study Status												
Stormwater Monthly Report												
Stormwater Monthly Report												
Lloyd Outlet Bid Award												
Winnetka Avenue Pump Station												
Stormwater Master Plan Status												
NW Winnetka 65% Engineering												
Stormwater Monthly Report												
Stormwater Monthly Report												
Tower/Foxdale Bid Award												
Stormwater Master Plan Draft Report												
Stormwater Monthly Report												
NW Winnetka Bid Award												
Stormwater Master Plan Final Report												
Stormwater Monthly Report												
Stormwater Monthly Report												
Stormwater Monthly Report												
Stormwater Monthly Report												
Stormwater Monthly Report												

Attachment #3
Program Budget

**Village of Winnetka
Stormwater Management Program Budget**

Project	Initial Estimated Project Costs	Curent Estimated Project Costs	2012/2013 Budget	Council Authorized	Spent	Comments
<u>Stormwater Fund</u>						
<u>58.75.640.601</u>						
Winnetka Ave. pump station	\$ 750,000	\$ 750,000	\$ 750,000	\$ 29,300	\$ 15,440	Based on DPW 2011/12 Budget
Tower Road/Foxdale	\$ 1,419,544	\$ 1,162,853	\$ 90,000	\$ 111,429	\$ 53,971	Decrease based on 65% construction drawings
Lloyd Park/Spruce Street	\$ 601,030	\$ 398,786	\$ 90,000	\$ 37,143	\$ 17,990	Decrease based on 65% construction drawings
NW Winnetka Greenwood/Forest Glen	\$ 2,880,887	\$ 4,266,924	\$ 250,000	\$ 226,874	\$ -	Added Forest Glen and included utilities from different line item
Willow Rd tunnel <i>Proposed Area F</i>	\$ 32,498,697	\$ 34,369,048	\$ 800,000	\$ 37,750 \$ 17,600	\$ 32,422 -	CBBEL October 2011 budget w/Kenny and Baird estimates
Stormwater rate study	\$ 50,000	\$ 72,100	\$ 50,000	\$ 72,100	\$ -	DPW 2011/12 Budget vs proposal
Stormwater master plan	\$ 50,000	\$ 101,220	\$ 50,000	\$ 101,220	\$ -	DPW 2011/12 Budget vs proposal (added 6 drainage areas)
Total Stormwater Costs	\$ 38,250,158	\$ 41,120,930	\$ 2,080,000	\$ 633,416	\$ 119,823	
<u>Sanitary Sewer Fund</u>						
<u>54.70.640.201</u>						
Sanitary Sewer Studies	\$ 100,000	\$ 107,857	\$ 100,000	\$ 107,857	\$ 107,857	Additional monitoring
Trenchless lining	\$ 150,000	\$ 166,237	\$ 150,000	\$ 166,237	\$ -	DPW 2011/12 Budget vs bid
System I & I repairs	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	
Total Sanitary Sewer Costs	\$ 350,000	\$ 374,094	\$ 350,000	\$ 274,094	\$ 107,857	

Attachment #4
Program Organization Chart

